

FIG. 1

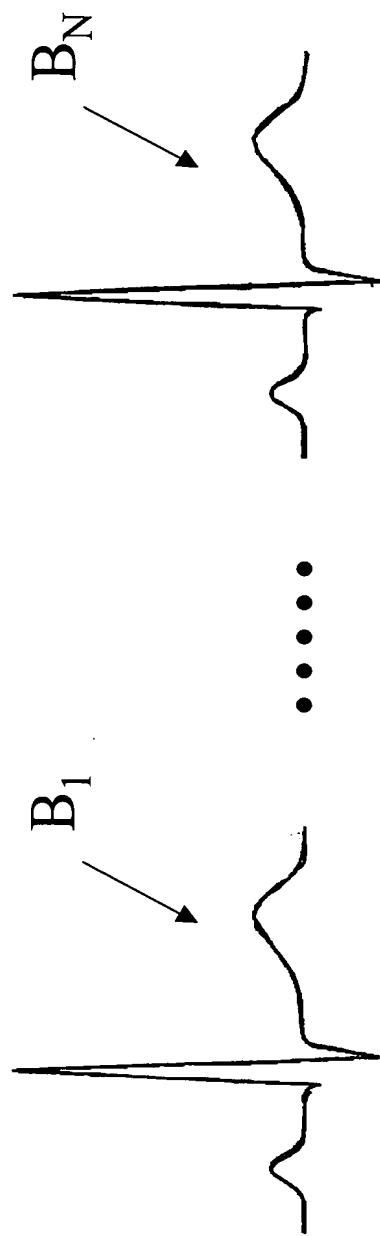


FIG. 2

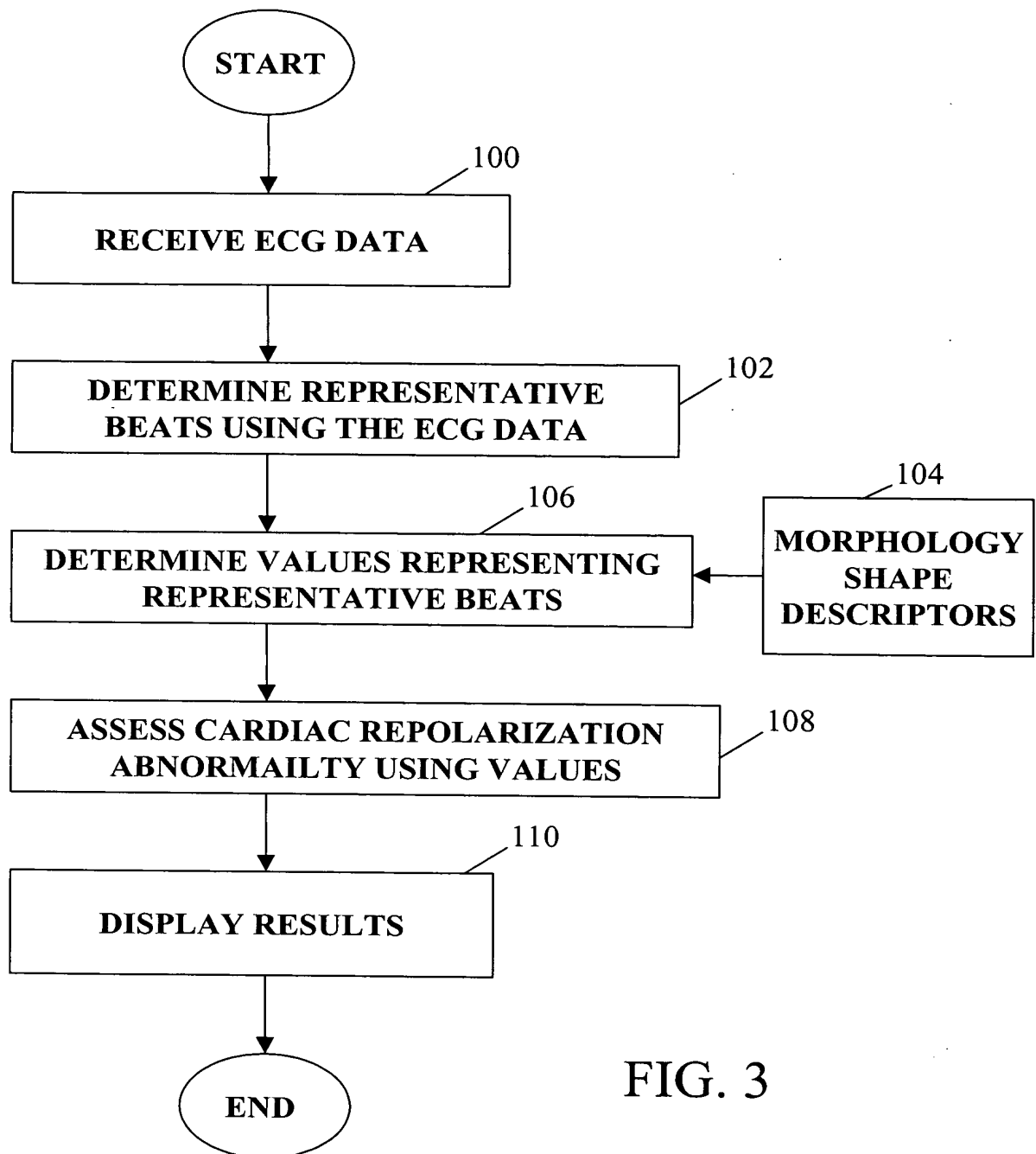


FIG. 3

$$A=USV^T=\begin{bmatrix}u_1,u_2,\dots,u_p\end{bmatrix}\begin{bmatrix}s_1&0&\dots&0\\0&s_2&&\\&&\ddots&\\0&&&s_p\end{bmatrix}\begin{bmatrix}\nu_1,\nu_2,\dots,\nu_p\end{bmatrix}^T$$

FIG. 4